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U.S. UTILITY Patent Application

PATENT NUMBER and  
ISSUE DATE

|   |                           |   |                |                                  |          |
|---|---------------------------|---|----------------|----------------------------------|----------|
| APPL NUM<br>10058086  | FILING DATE<br>01/29/2002 | CLASS<br>350<br>372   | SUBCLASS<br>31 | GAU<br>2381                      | EXAMINER |
| <b>**APPLICANTS:</b> Kumagai Hiroshi; Midorikawa Katsumi;<br><div style="text-align: right;">2881<br/>2881</div> <div style="text-align: right;">GILL</div> |                           |   |                |                                  |          |
| <b>**CONTINUING DATA VERIFIED:</b><br><div style="text-align: center;">New</div>  |                           |   |                |                                  |          |
| <b>** FOREIGN APPLICATIONS VERIFIED:</b><br>JAPAN 2001-20243 01/29/2001<br>JAPAN 2001-1558 01/21/2002   |                           |   |                |                                  |          |
| PG-PUB <input type="checkbox"/> DO NOT PUBLISH <input type="checkbox"/>   |                           | RESCIND <input type="checkbox"/>  |                |                                  |          |
| Foreign priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no   |                           | 35 USC 119 conditions met <input type="checkbox"/> yes <input type="checkbox"/> no  |                | ATTORNEY DOCKET NO<br>1794-0147P |          |
| Verified and Acknowledged Examiners's initials  |                           | <b>TITLE :</b> Method for laser cooling of atoms and apparatus therefor as well as coherent light source used for laser cooling of atoms- |                |                                  |          |
| U.S. DEPT. OF COMMERCE/PAT. & TM.-PTO-435L/Rev. 12-94   |                           |   |                |                                  |          |

|   |           |   |                                       |
|---|-----------|---|---------------------------------------|
| <b>NOTICE OF ALLOWANCE MAILED</b>                       |           | <b>CLAIMS ALLOWED</b>   |                                       |
|   |           | Total Claims<br>10  | Print Claim for<br>O.G.               |
| <b>ISSUE FEE</b>  |           | <b>DRAWING</b>  |                                       |
| Amount Due  | Date Paid | Sheets Drwg.<br>4   | Figs. Drwg.<br>27<br>Print Fig.<br>15 |
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b> |           | Primary Examiner  |                                       |
|   |           | Application Examiner  |                                       |
| <input type="checkbox"/> <b>PREPARED FOR ISSUE</b>      |           | <b>WARNING:</b> The information disclosed herein may be restricted.<br>Unauthorized disclosure may be prohibited by the United States Code Title 35,<br>Sections 122, 181 and 368, Possession outside the U.S. Patent & Trademark<br>Office is restricted to authorized employees and contractors only. |                                       |

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